

DIREKTRONIK 16-CH TAP CWDM Spec

Dataprodukter utöver det vanliga

Part Number	16 CH CWDM MUX and DEMUX with TAP
Label	Direktronik 33-1006

Optical Requirements

Channel Number		16-CH with 1% TAP	
Central wavelength	CWDM	1290-1610 w/o 1390	
Channel Spacing		20nm	
Passband	Channel Ports (Min.)	ITU +-6.5 nm	
	TAP	1%	
Insertion Loss (max., incl. connectors)	CWDM	3.5dB	
	1% TAP(Monitoring port)	23.0 dB	
Pass Band ripple	(Max.)	0.5 dB	
Isolation	Adjacent channel (Min.)	30 dB	
	Non-adjacent channel (Min.)	40 dB	
Return Loss (incl.connectors)	all Ports (Min.)	45 dB	
Directivity	Channel Ports (Min.)	50 dB	
Polarization Dependent Loss	(Max.)	0.2 dB	
Polarization Mode Dispersion	(Max.)	0.2 ps	
Maximum Optical Power	(Max.)	300 mW	

Environmental Requirements

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Reliability	Telcordia GR-1209, GR-1221

Mechanical Requirements

Package Size	MUX+DEMUX 2PCS modules packed in 19" 1U rackmount		
Fiber Type	SMF-28 or equivalent	Ø 9 / 125 / 250 µm	
Fiber Proof Test	> 100 kpsi		
Fiber Jacket	900µm loose tube		
Pigtail Length	350+/- 50mm		
Connector Type	LC/PC for all ports		

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1% TAP

	TAP 1%	Skip filter		
COM			1610	1610
		1450	1450	1590
		1430	1430	1570
		1410	1410	1550
		1370	1370	1530
		1350	1350	1510
		1330	1330	1490
		1310	1310	1470
		1290	1290	IL<3.5 withconnectors

16-CH CWDM **Mux**

33-1006

900um loose tube with LC/PC connectors,
packed in ABS box, LC/PC.
Mux+Demux packed in a 19" 1U rackmount.

1% TAP

	TAP 1%	Skip filter		
COM			1470	1470
		1290	1290	1490
		1310	1310	1510
		1330	1330	1530
		1350	1350	1550
		1370	1370	1570
		1410	1410	1590
		1430	1430	1610
		1450	1450	IL<3.5 withconnectors

16-CH CWDM **Demux**

33-1006

900um loose tube with LC/PC connectors,
packed in ABS box, LC/PC .
Mux+Demux packed in a 19" 1U rackmount.

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Picture above just for reference.

